



Florida Power & Light Company, 6351 S. Ocean Drive, Jensen Beach, FL 34957

May 12, 2000

L-2000-115
10 CFR 50.36

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Monthly Operating Report

Pursuant to Technical Specification 6.9.1.6, and the guidance of Generic Letter 97-02, attached are the April 2000 Operating Data Report, Summary of Operating Experience Report, and Unit Shutdowns and Power Reductions for St. Lucie Units 1 and 2.

Should there be any questions on this information, please contact us.

Very truly yours,

A handwritten signature in black ink that reads "Rajiv S. Kundalkar".

Rajiv S. Kundalkar
Vice President
St. Lucie Plant

RSK/GRM

Attachments

cc: Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

Docket No. 50 - 335
Unit Name St. Lucie Unit 1
Date May 6, 2000
Completed By J. A. Rogers
Telephone (561) 467-7296

REPORTING PERIOD: APRIL 2000

1. Design Electrical Rating (Mwe-Net)_____ 830
2. Maximum Dependable Capacity (Mwe-Net)___ 839

	MONTH	-YTD-	CUMULATIVE
3. Number of Hours Reactor Critical_____	719	2903	162721
4. Number of Hours Generator On Line_____	719	2903	160989.5
5. Unit Reserve Shutdown Hours_____	0.0	0.0	0.0
6. Net Electrical Energy (MWH)_____	617488	2494702	130947973

SUMMARY OF OPERATING EXPERIENCE

Docket No.: 50-335
Unit: St. Lucie Unit 1
Date: May 6, 2000
Completed By: J.A. Rogers
Telephone: (561) 467-7296

REPORT MONTH April 2000

Unit 1 operated at essentially full power for the entire month of April.

In accordance with the requirements of Technical Specification 6.9.1.6, there were no challenges to the power operated relief valves or the safety valves during the report period.

UNIT SHUTDOWNS AND POWER REDUCTIONS

Docket No.: 50-335
 Unit: St. Lucie Unit 1
 Date: May 6, 2000
 Completed By: J.A. Rogers
 Telephone: (561) 467-7296

REPORT MONTH April 2000

NUMBER	DATE	TYPE ¹	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN REACTOR ³	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
						Unit 1 operated at essentially full power for the entire month of April.

¹
 F - Forced
 S - Scheduled

²
 Reason
 A - Equipment failure (explain)
 B - Maintenance or Test
 C - Refueling
 D - Regulatory restriction
 E - Operator Training & License Examination
 F - Administrative
 G - Operational Error (Explain)
 H - Other (Explain)

³
 Method
 1 - Manual
 2 - Manual Scram
 3 - Automatic Scram
 4 - Continued
 5 - Load Reduction
 9 - Other (Explain)

Docket No 50 - 389
 Unit Name St. Lucie Unit 2
 Date May 6, 2000
 Completed By J. A. Rogers
 Telephone (561) 467-7296

REPORTING PERIOD: APRIL 2000

1. Design Electrical Rating (Mwe-Net)_____	830		
2. Maximum Dependable Capacity (Mwe-Net)___	839		
	MONTH	-YTD-	CUMULATIVE
3. Number of Hours Reactor Critical_____	381.8	2565.8	126458.1
4. Number of Hours Generator On Line_____	381.7	2565.7	124800.1
5. Unit Reserve Shutdown Hours_____	0.0	0.0	0.0
6. Net Electrical Energy (MWH)_____	317256	2186986	102405807

SUMMARY OF OPERATING EXPERIENCE

Docket No.: 50-389
Unit: St. Lucie Unit 2
Date: May 6, 2000
Completed By: J.A.Rogers
Telephone: (561) 467-7296

REPORT MONTH April 2000

Unit 2 operated at essentially full power through April 14. On April 15 the unit downpowered to approximately 68% power to perform testing of the main steam safety valves. At 2010 hours on April 16, the unit began to downpower for refueling. At 2242 hours on April 16, the unit was removed from service due to steam generator chemistry concerns. At 2359 hours on April 16, the unit entered the planned refueling and maintenance outage.

In accordance with the requirements of Technical Specification 6.9.1.6, there were no challenges to the power operated relief valves or the safety valves during the report period.

UNIT SHUTDOWNS AND POWER REDUCTIONS

Docket No.: 50-389
 Unit: St. Lucie Unit 2
 Date: May 6, 2000
 Completed By: J.A.Rogers
 Telephone: (561) 467-7296

REPORT MONTH April 2000

Number	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Cause & Corrective Action to Prevent Recurrence
1	4/15/00	S	0.0	B	5	Unit 2 downpowered to perform testing on main steam safety valves.
2	4/16/00	S	0.0	C	5	Unit 2 began downpower for refueling and maintenance.
3	4/16/00	F	1.3	H	1	Unit 2 offline due to steam generator chemistry problems.
4	4/16/00	S	336.0	C	4	Unit 2 offline for refueling and maintenance.

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 S Scheduled

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 C - Refueling
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 F - Administrative
 G - Operational Error (Explain)
 H - Other (Explain)

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 Method
 1 - Manual
 2 - Manual Scram
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